

REMARKS

Responsive to the further requirement for restriction, applicants hereby elect Group XIII-2 which relates to the use of an antagonist or inhibitor of the human DNA demethylase of SEQ ID NO: 2 for restoring an aberrant methylation pattern in a patient DNA, or for changing a methylation pattern in the patient DNA.

With regard to the requirement for election of species, applicants hereby elect the species double stranded oligonucleotides and antisense oligonucleotides of DNA demethylase. Newly submitted claims 32-38 are deemed to read on the elected species.

Newly submitted claims 32-38 are believed to read on the elected invention.

Unity of invention is believed present because all claims have a corresponding special technical feature, namely the DNA demethylase comprising amino acids 150-411 of SEQ ID NO: 2.

Non-elected claims 1-31 have been canceled, without prejudice to, or disclaimer of, applicants' rights to prosecute the subject matter thereof in an appropriate divisional application.

Applicants wish to point out that the aforementioned corresponding special technical feature finds full support in Canadian priority application number CA 2,230,991, and particularly in the 262 amino acid translation found in Figure 4 of said Canadian patent application. Accordingly, newly submitted claims 32-38 of the present application are respectfully submitted to be fully entitled to the benefit of the priority of Canadian application number CA 2,230,991, filed May 11, 1998.

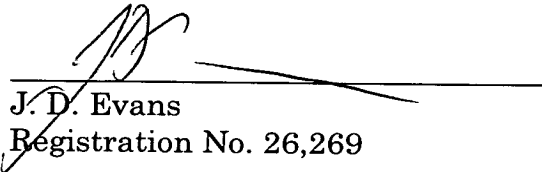
Favorable action on the application is earnestly solicited.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #2055MC/48896).

Respectfully submitted,

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